

10/532962

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 June 2004 (03.06.2004)

PCT

(10) International Publication Number
WO 2004/046460 A1

(51) International Patent Classification⁷: D21F 5/04

[FI/FI]; Tiilentekijänkatu 9 C, FIN-20810 Turku (FI).

(21) International Application Number:
PCT/FT2003/000891

KOMULAINEN, Antti [FI/FI]; Tarhiantie 22, FIN-42700

(22) International Filing Date:
19 November 2003 (19.11.2003)

Keuruu (FI). JUPPI, Kari [FI/FI]; Hiekkapohjantie

(25) Filing Language: Finnish

259, FIN-40270 Palokka (FI). KURKI, Matti [FI/FI];

(26) Publication Language: English

Karinlementie 15, FIN-40520 Jyväskylä (FI). SALMI-

(30) Priority Data:
20022063 19 November 2002 (19.11.2002) FI

NEN, Martti [FI/FI]; Rautpohjankatu 3 B 48, FIN-40700

(71) Applicant (for all designated States except US): METSO
PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130
Helsinki (FI).

Jyväskylä (FI). JOKINEN, Reijo [FI/FI]; Kriavarinkuja 3,

(72) Inventors; and

FIN-21280 Raisio (FI).

(75) Inventors/Applicants (for US only): LEIMU, Juha

(74) Agent: TURUN PATENTTITOIMISTO OY; P.O. Box

99, FIN-20521 Turku (FI).

(81) Designated States (national): AE, AG, AL, AM, AT (utility

model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,

CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE

(utility model), DE, DK (utility model), DK, DM, DZ, EC,

EE (utility model), EE, EG, ES, FI (utility model), FI, GB,

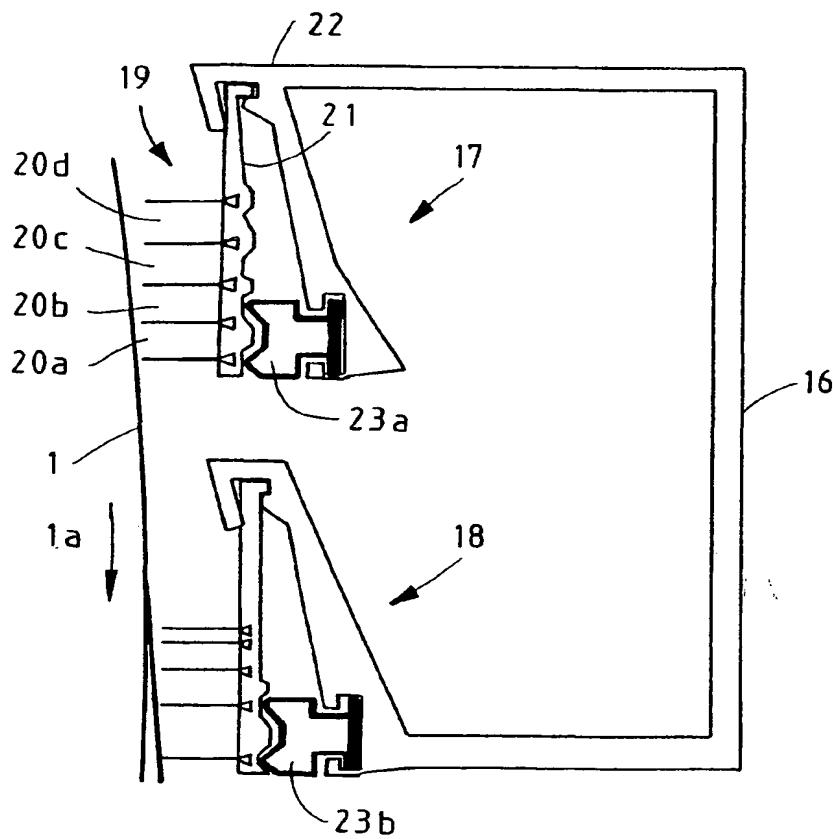
GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,

KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,

MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL,

[Continued on next page]

(54) Title: SEALING ARRANGEMENT AGAINST A MOVING FABRIC



(57) Abstract: The invention relates to a sealing arrangement (7) against a moving fabric (4b) in a paper machine or the like. The sealing arrangement includes a stiff sealing element (9) placed on the fabric's (4b) side on the entire width in connection with a paper sheet (4a) supported by the fabric (4b). The sealing element has been arranged on a support so that the location of the sealing element with respect to the fabric (4b) can be adjusted nearer to or, correspondingly, further from the fabric. As a sealing element there is at least a single-chambered labyrinth sealing (19).

WO 2004/046460 A1